

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110722\
 Data File : BM037383.D
 Acq On : 07 Nov 2022 09:37
 Operator : CG/JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

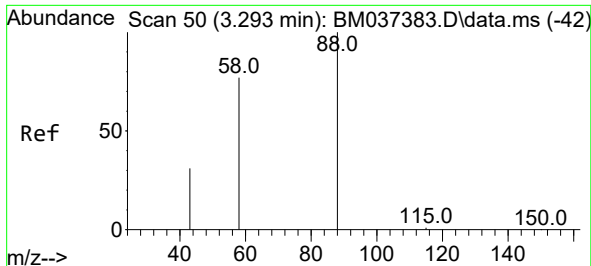
Instrument :
 BNA_M
 ClientSampleId :
 SSTD0.4165

Quant Time: Nov 07 23:06:18 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM110522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 07 00:30:18 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	4317	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	14936	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.474	164	8571	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.217	188	17849	0.400	ng/ul	0.00
17) Chrysene-d12	21.388	240	13463	0.400	ng/ul	0.00
23) Perylene-d12	23.723	264	12173	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.260	96	2297	0.419	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.233	152	8712	0.388	ng/ul	0.00
18) Fluoranthene-d10	19.239	212	16890	0.401	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.293	88	2365	0.437	ng/ul	95
5) Naphthalene	10.688	128	16696	0.386	ng/ul	98
7) 2-Methylnaphthalene	12.305	142	10404	0.384	ng/ul	98
8) 1-Methylnaphthalene	12.519	142	10652	0.382	ng/ul	100
10) Acenaphthylene	14.197	152	13846	0.379	ng/ul	99
11) Acenaphthene	14.534	153	12405	0.385	ng/ul	98
12) Fluorene	15.524	166	13939	0.378	ng/ul	99
14) Pentachlorophenol	16.884	266	1595	0.339	ng/ul	99
15) Phenanthrene	17.255	178	22222	0.364	ng/ul	99
16) Anthracene	17.352	178	18410	0.370	ng/ul	100
19) Fluoranthene	19.272	202	24891	0.390	ng/ul	100
20) Pyrene	19.629	202	26280	0.393	ng/ul	100
21) Benzo(a)anthracene	21.371	228	20888	0.360	ng/ul	99
22) Chrysene	21.423	228	23875	0.369	ng/ul	99
24) Benzo(b)fluoranthene	23.010	252	25113	0.359	ng/ul	98
25) Benzo(k)fluoranthene	23.057	252	24821	0.371	ng/ul	99
26) Benzo(a)pyrene	23.621	252	21092	0.361	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.134	276	29311	0.377	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.161	278	22617	0.378	ng/ul	97
29) Benzo(g,h,i)perylene	26.879	276	26295	0.391	ng/ul	100

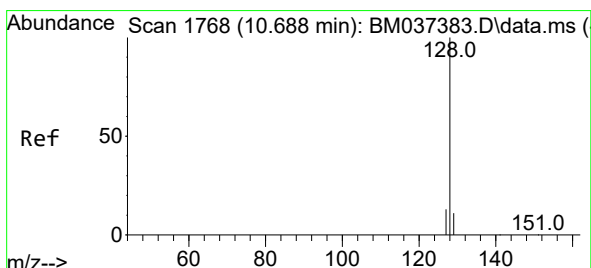
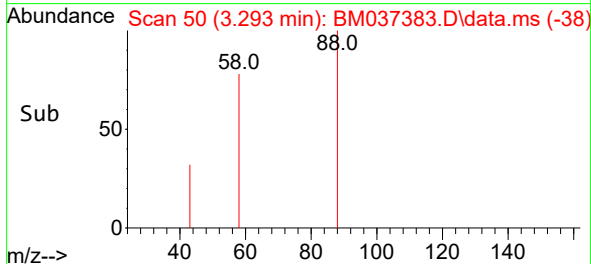
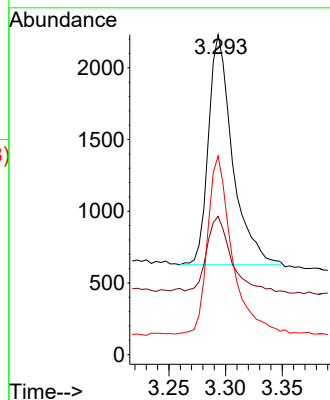
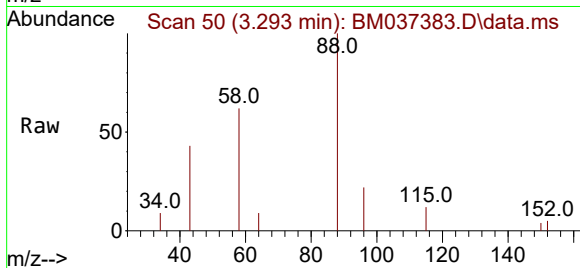
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 0.437 ng/ul
RT: 3.293 min Scan# 50
Delta R.T. 0.000 min
Lab File: BM037383.D
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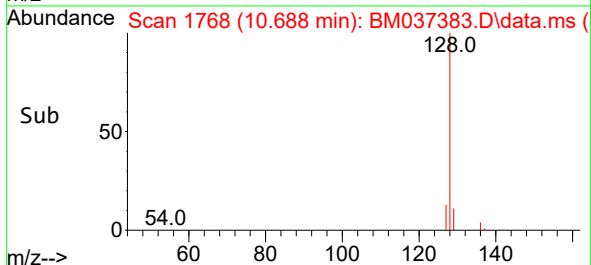
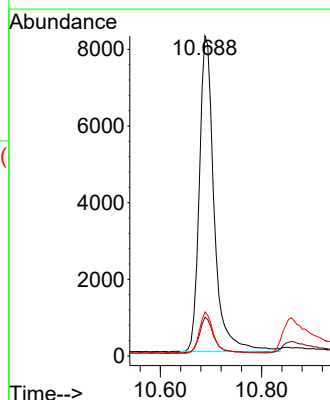
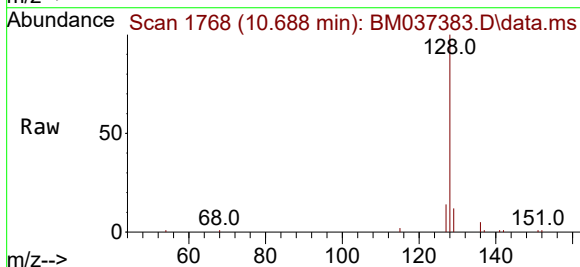
Instrument :
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ClientSampleId :
SSTD0.4165

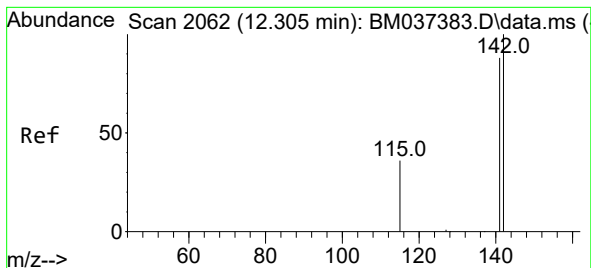
Tgt Ion: 88 Resp: 2365
Ion Ratio Lower Upper
88 100
43 43.3 39.9 59.9
58 62.1 50.2 75.2



#5
Naphthalene
Concen: 0.386 ng/ul
RT: 10.688 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BM037383.D
Acq: 07 Nov 2022 09:37

Tgt Ion: 128 Resp: 16696
Ion Ratio Lower Upper
128 100
129 12.1 9.2 13.8
127 13.8 10.2 15.4

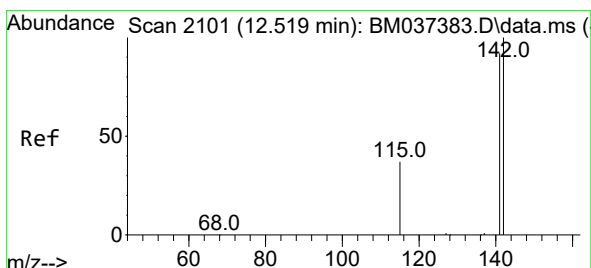
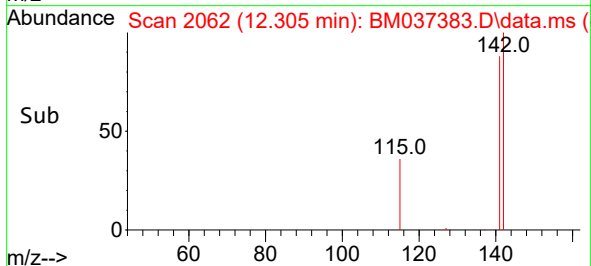
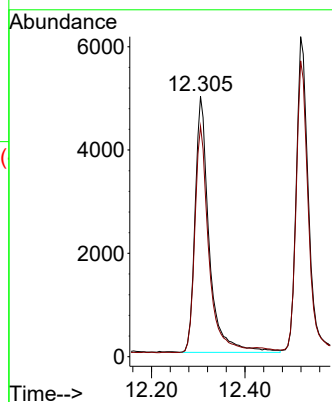
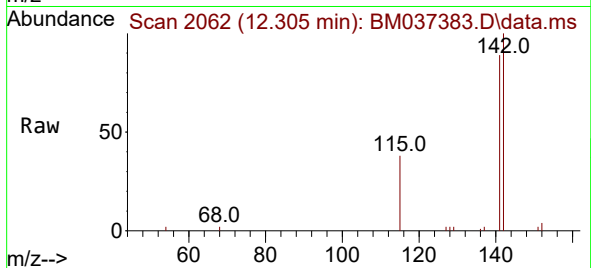




#7
2-Methylnaphthalene
Concen: 0.384 ng/ul
RT: 12.305 min Scan# 2062
Delta R.T. 0.000 min
Lab File: BM037383.D
Acq: 07 Nov 2022 09:37

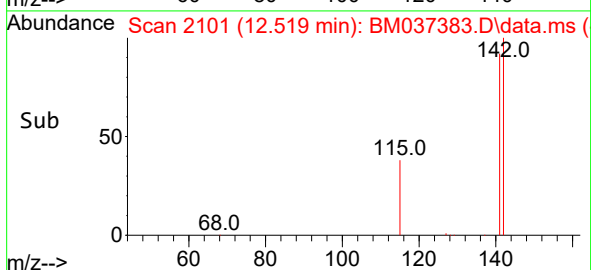
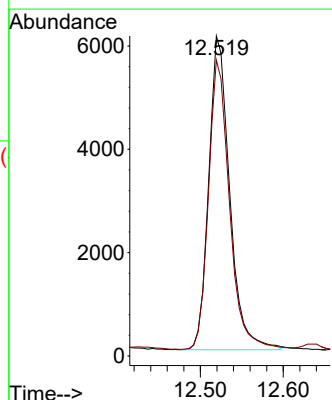
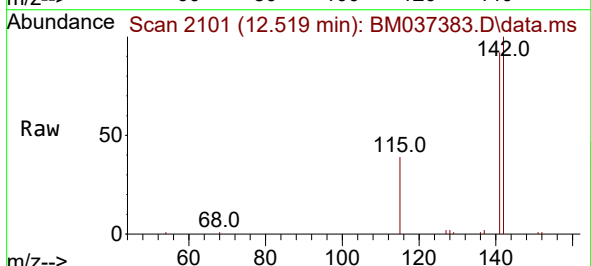
Instrument :
BNA_M
ClientSampleId :
SSTD0.4165

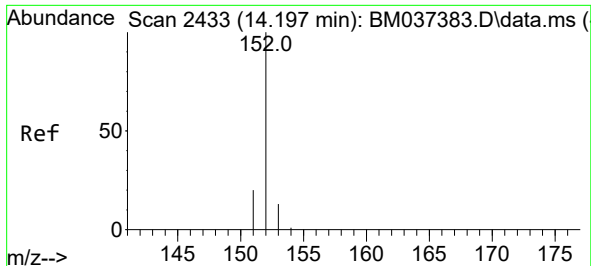
Tgt Ion:142 Resp: 10404
Ion Ratio Lower Upper
142 100
141 90.1 70.6 105.8



#8
1-Methylnaphthalene
Concen: 0.382 ng/ul
RT: 12.519 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BM037383.D
Acq: 07 Nov 2022 09:37

Tgt Ion:142 Resp: 10652
Ion Ratio Lower Upper
142 100
141 92.3 73.9 110.9

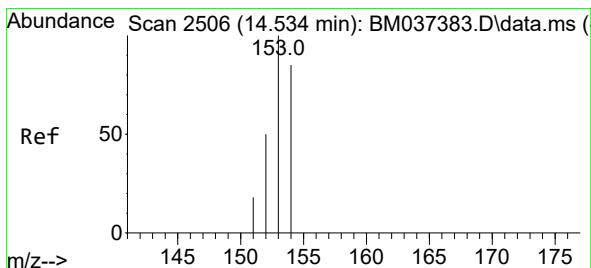
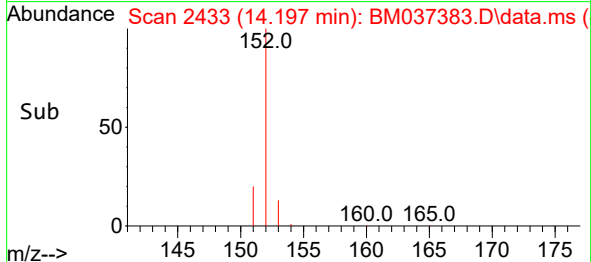
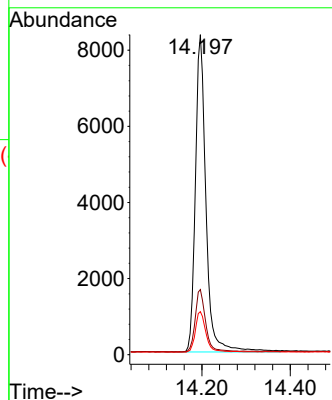
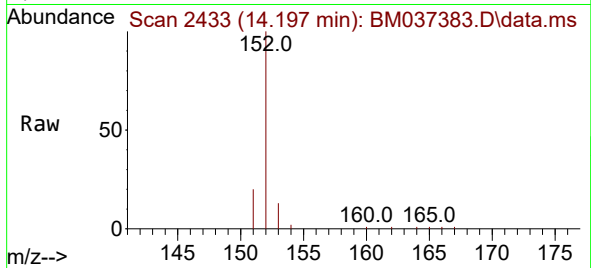




#10
Acenaphthylene
Concen: 0.379 ng/ul
RT: 14.197 min Scan# 2433
Delta R.T. 0.001 min
Lab File: BM037383.D
Acq: 07 Nov 2022 09:37

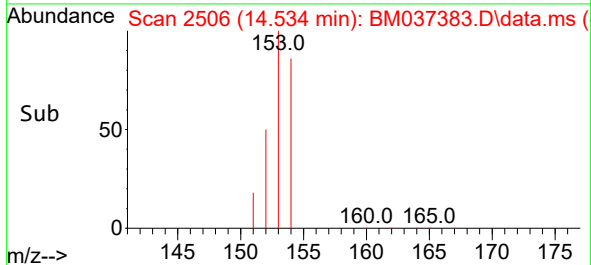
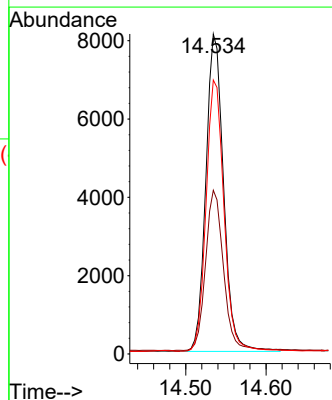
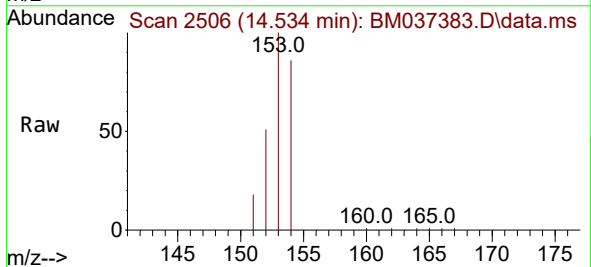
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ClientSampleId :
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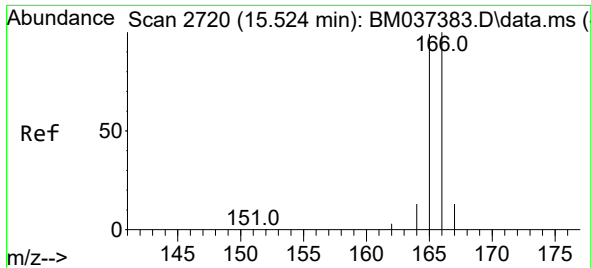
Tgt Ion:152 Resp: 13846
Ion Ratio Lower Upper
152 100
151 20.4 16.1 24.1
153 13.5 11.0 16.4



#11
Acenaphthene
Concen: 0.385 ng/ul
RT: 14.534 min Scan# 2506
Delta R.T. -0.004 min
Lab File: BM037383.D
Acq: 07 Nov 2022 09:37

Tgt Ion:153 Resp: 12405
Ion Ratio Lower Upper
153 100
152 51.1 40.2 60.4
154 85.6 70.4 105.6

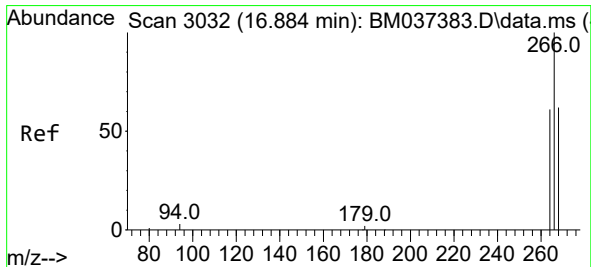
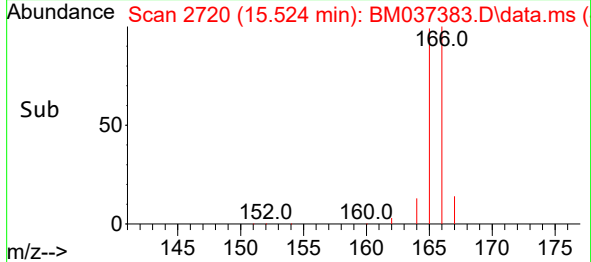
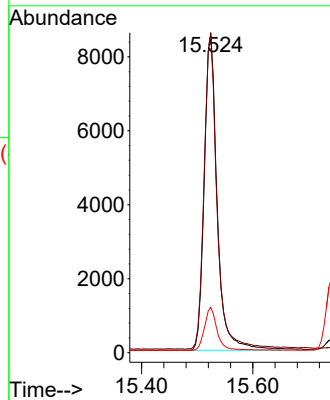
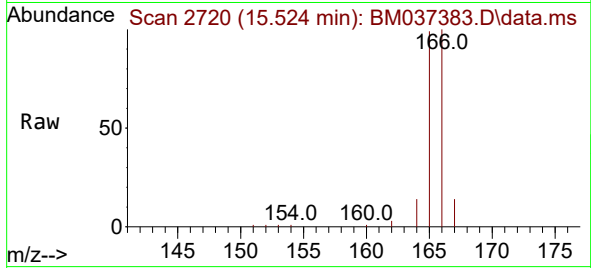




#12
Fluorene
Concen: 0.378 ng/ul
RT: 15.524 min Scan# 21
Delta R.T. 0.001 min
Lab File: BM037383.D
Acq: 07 Nov 2022 09:37

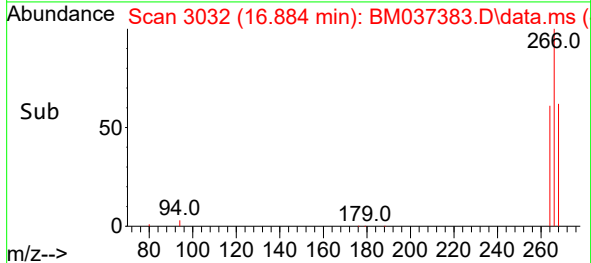
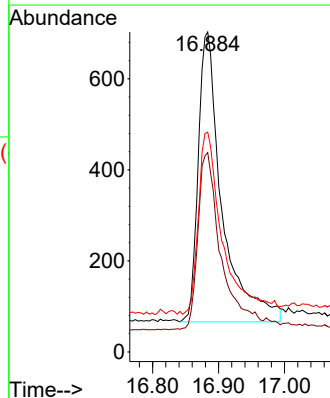
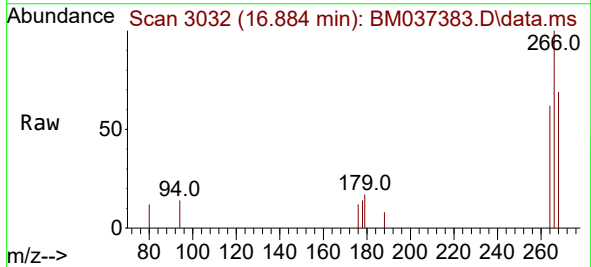
Instrument :
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ClientSampleId :
SSTD0.4165

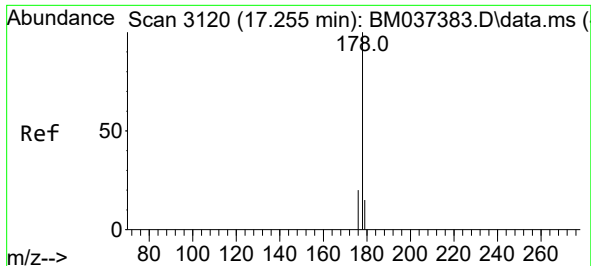
Tgt Ion:166 Resp: 13939
Ion Ratio Lower Upper
166 100
165 99.4 79.0 118.4
167 14.2 11.1 16.7



#14
Pentachlorophenol
Concen: 0.339 ng/ul
RT: 16.884 min Scan# 3032
Delta R.T. 0.005 min
Lab File: BM037383.D
Acq: 07 Nov 2022 09:37

Tgt Ion:266 Resp: 1595
Ion Ratio Lower Upper
266 100
264 61.4 49.9 74.9
268 64.4 51.9 77.9

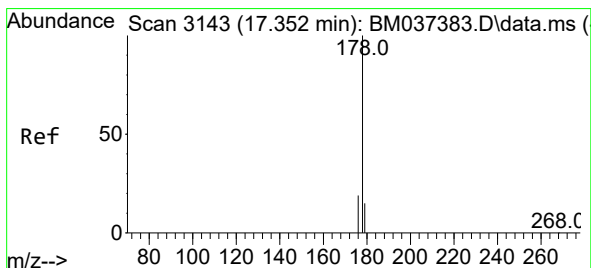
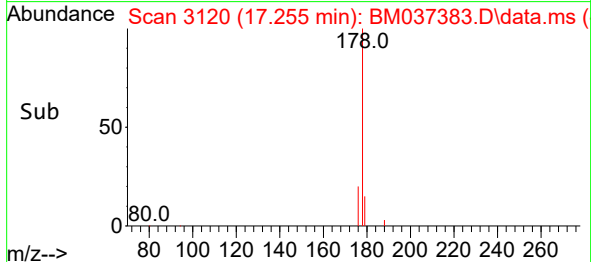
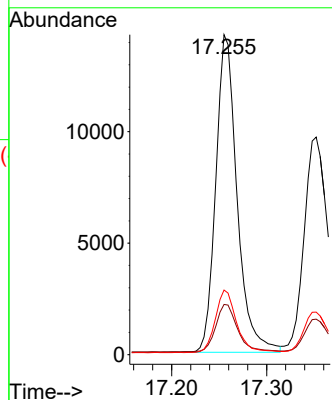
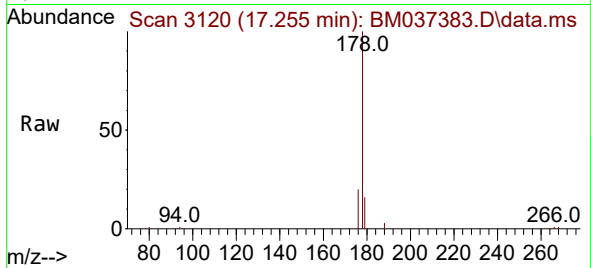




#15
Phenanthrene
Concen: 0.364 ng/ul
RT: 17.255 min Scan# 3120
Delta R.T. -0.003 min
Lab File: BM037383.D
Acq: 07 Nov 2022 09:37

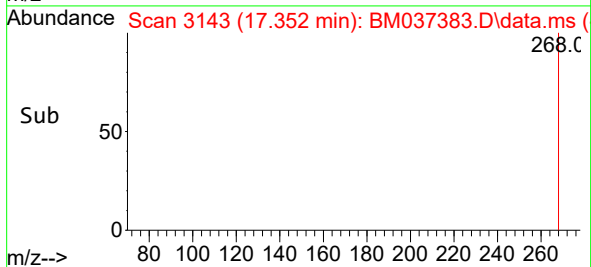
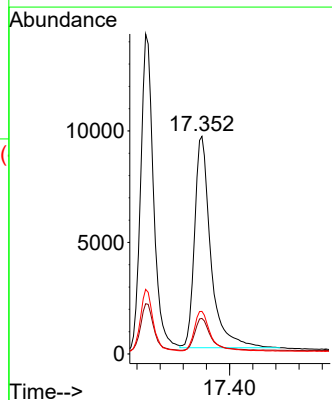
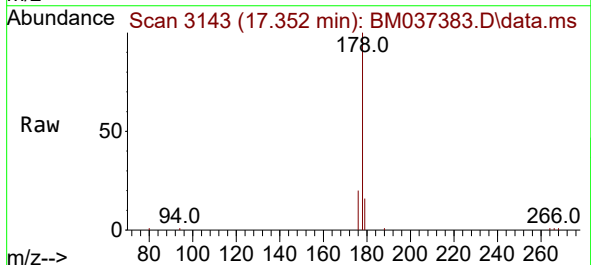
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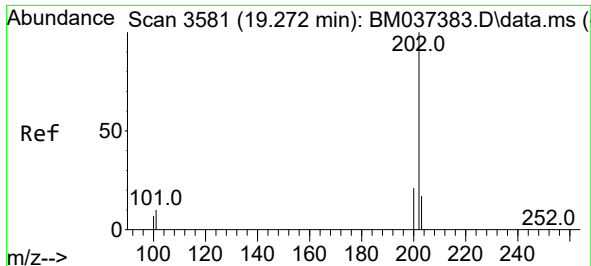
Tgt Ion:178 Resp: 22222
Ion Ratio Lower Upper
178 100
179 15.7 12.9 19.3
176 20.2 16.0 24.0



#16
Anthracene
Concen: 0.370 ng/ul
RT: 17.352 min Scan# 3143
Delta R.T. 0.001 min
Lab File: BM037383.D
Acq: 07 Nov 2022 09:37

Tgt Ion:178 Resp: 18410
Ion Ratio Lower Upper
178 100
179 16.3 13.0 19.4
176 19.6 15.5 23.3

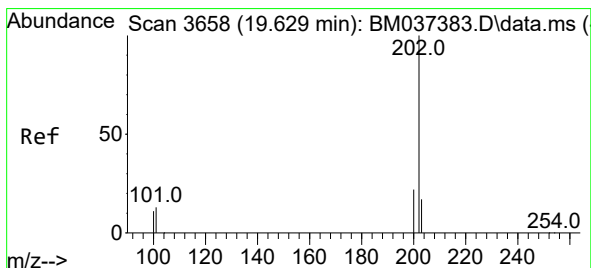
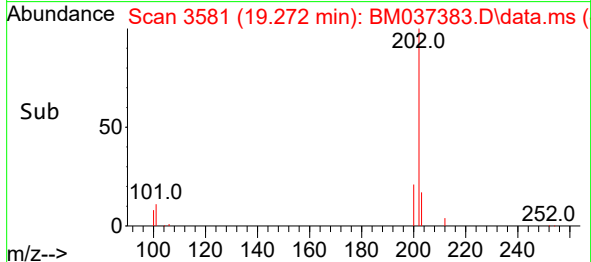
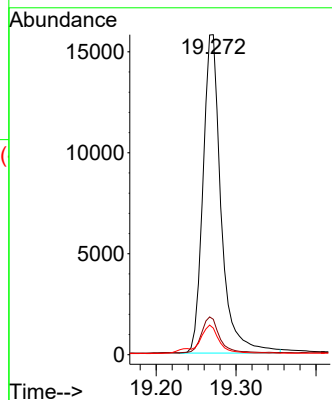
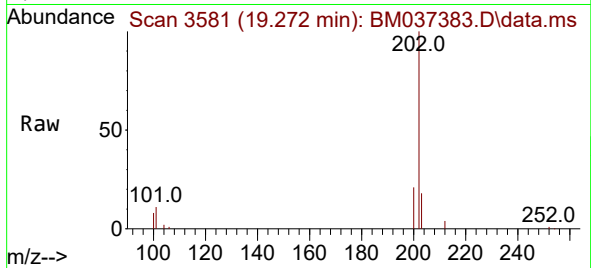




#19
Fluoranthene
Concen: 0.390 ng/u1
RT: 19.272 min Scan# 3581
Delta R.T. 0.001 min
Lab File: BM037383.D
Acq: 07 Nov 2022 09:37

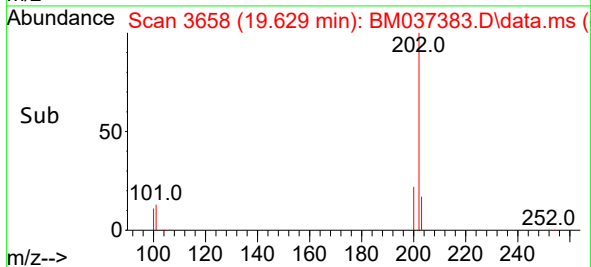
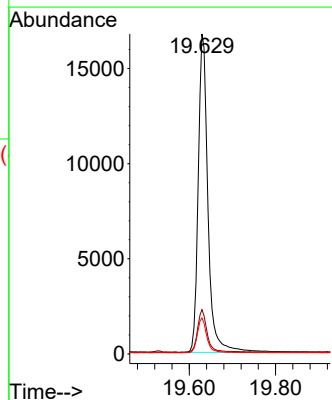
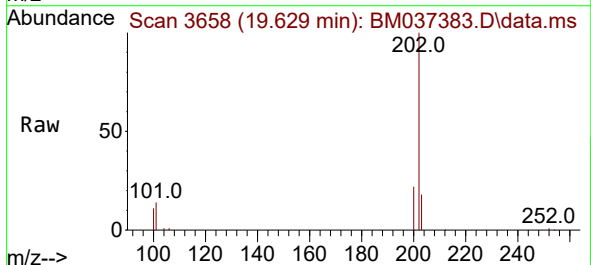
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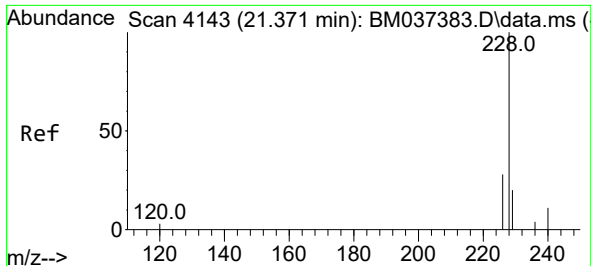
Tgt Ion:202 Resp: 24891
Ion Ratio Lower Upper
202 100
101 11.0 8.7 13.1
100 8.3 6.6 10.0



#20
Pyrene
Concen: 0.393 ng/u1
RT: 19.629 min Scan# 3658
Delta R.T. 0.001 min
Lab File: BM037383.D
Acq: 07 Nov 2022 09:37

Tgt Ion:202 Resp: 26280
Ion Ratio Lower Upper
202 100
101 13.8 11.1 16.7
100 11.3 9.0 13.4

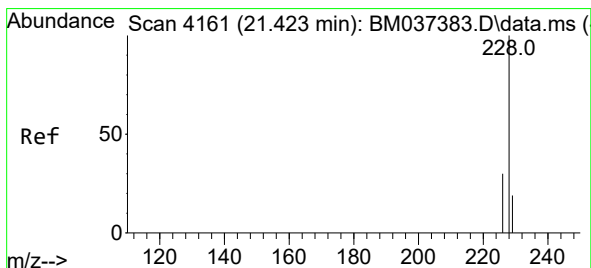
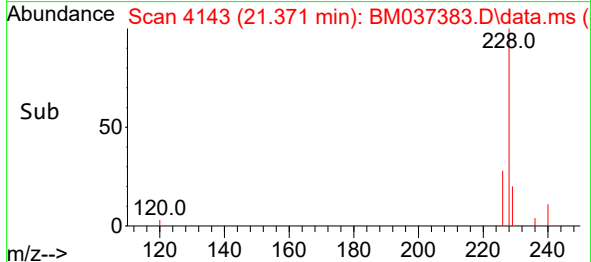
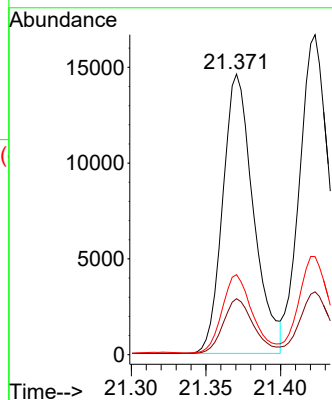
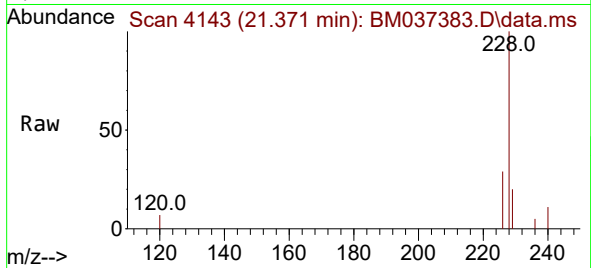




#21
Benzo(a)anthracene
Concen: 0.360 ng/ul
RT: 21.371 min Scan# 4143
Delta R.T. 0.002 min
Lab File: BM037383.D
Acq: 07 Nov 2022 09:37

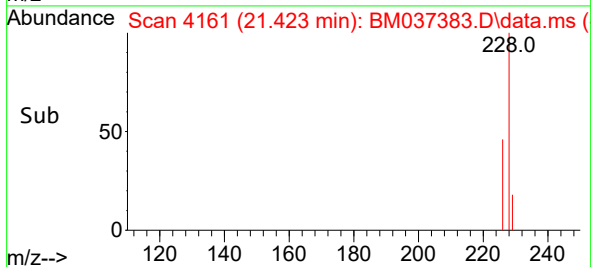
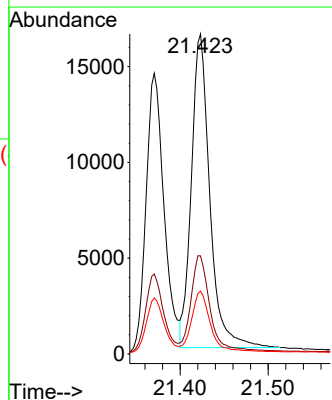
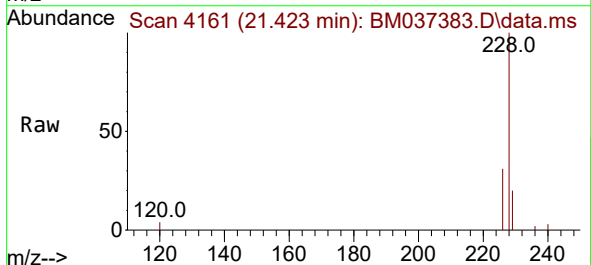
Instrument :
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ClientSampleId :
SSTD0.4165

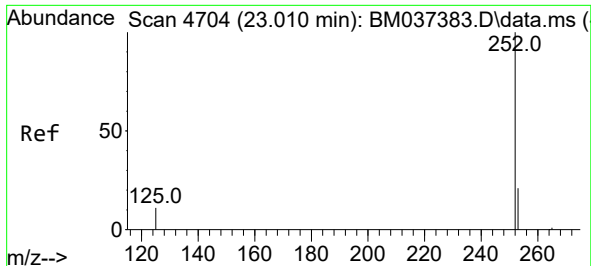
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Ion Ratio Lower Upper
228 100
229 19.9 15.7 23.5
226 28.5 22.6 33.8



#22
Chrysene
Concen: 0.369 ng/ul
RT: 21.423 min Scan# 4161
Delta R.T. -0.001 min
Lab File: BM037383.D
Acq: 07 Nov 2022 09:37

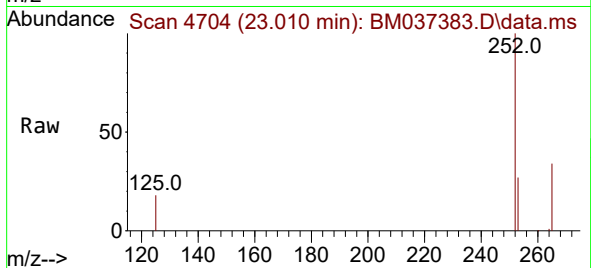
Tgt Ion:228 Resp: 23875
Ion Ratio Lower Upper
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226 30.6 24.8 37.2
229 19.7 15.6 23.4



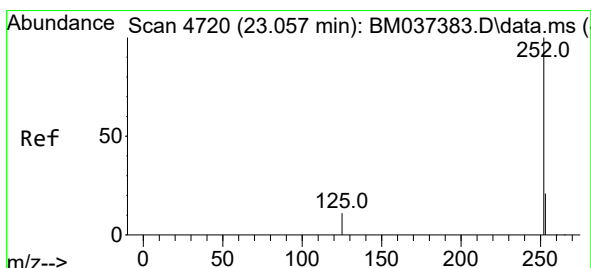
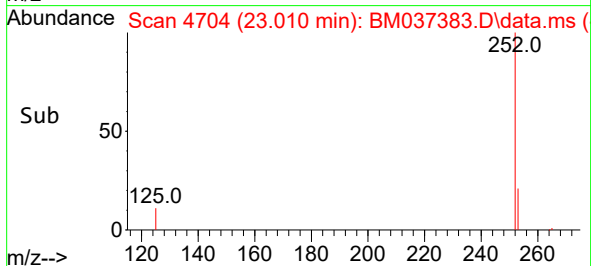
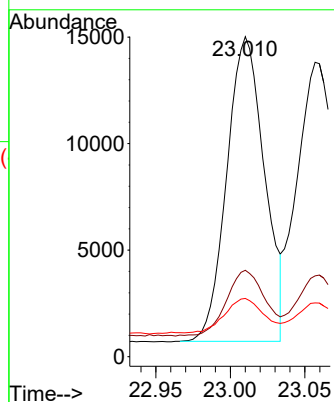


#24
Benzo(b)fluoranthene
Concen: 0.359 ng/ul
RT: 23.010 min Scan# 4704
Delta R.T. -0.001 min
Lab File: BM037383.D
Acq: 07 Nov 2022 09:37

Instrument :
BNA_M
ClientSampleId :
SSTD0.4165

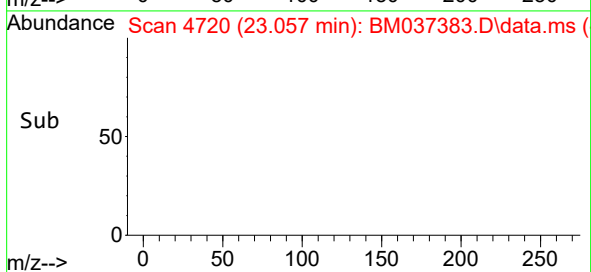
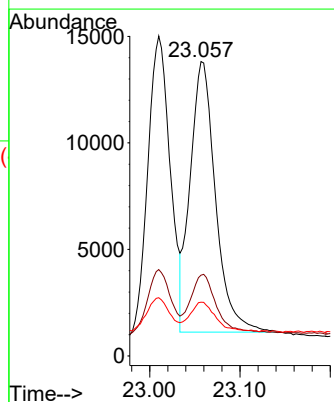
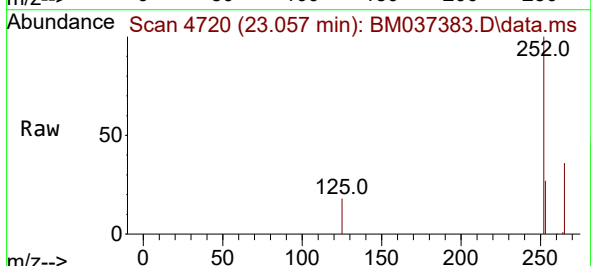


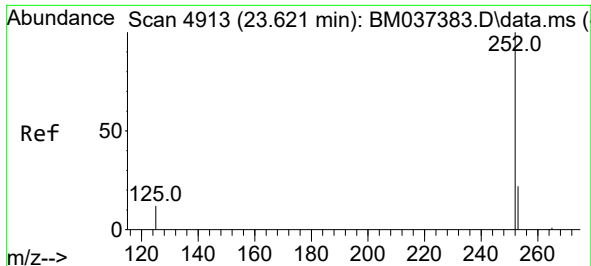
Tgt Ion:252 Resp: 25113
Ion Ratio Lower Upper
252 100
253 27.0 0.0 52.6
125 18.2 0.0 34.0



#25
Benzo(k)fluoranthene
Concen: 0.371 ng/ul
RT: 23.057 min Scan# 4720
Delta R.T. -0.001 min
Lab File: BM037383.D
Acq: 07 Nov 2022 09:37

Tgt Ion:252 Resp: 24821
Ion Ratio Lower Upper
252 100
253 27.4 21.6 32.4
125 18.3 13.8 20.8

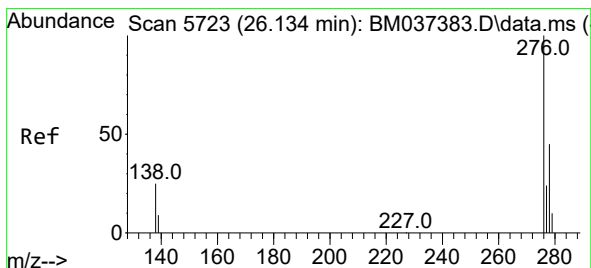
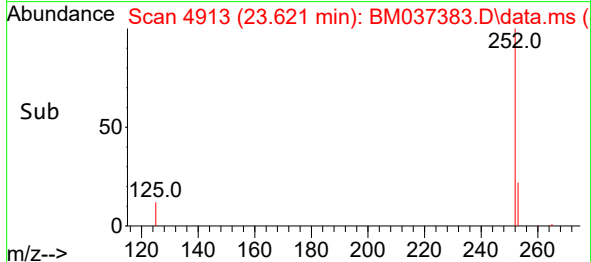
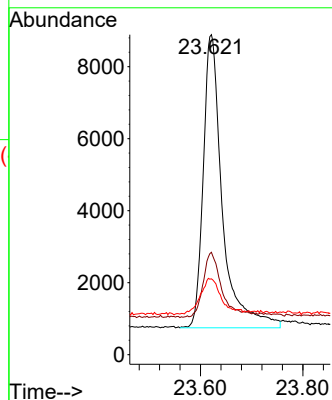
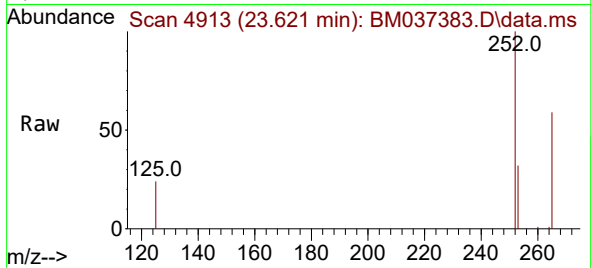




#26
Benzo(a)pyrene
Concen: 0.361 ng/ul
RT: 23.621 min Scan# 4913
Delta R.T. 0.002 min
Lab File: BM037383.D
Acq: 07 Nov 2022 09:37

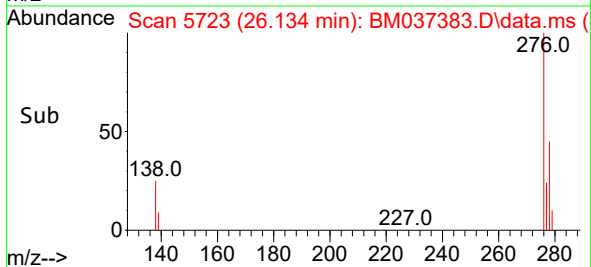
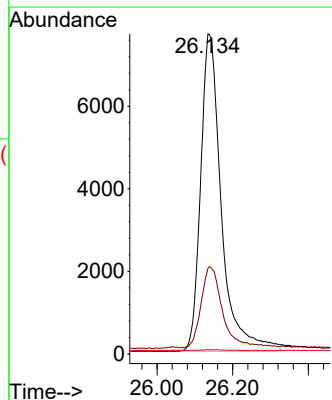
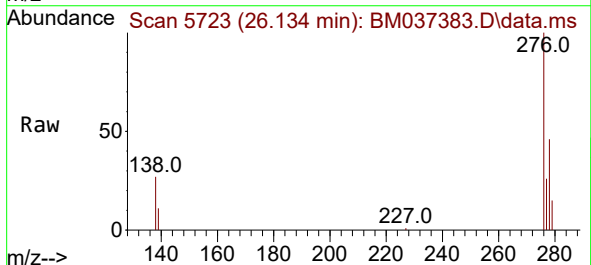
Instrument :
BNA_M
ClientSampleId :
SSTD0.4165

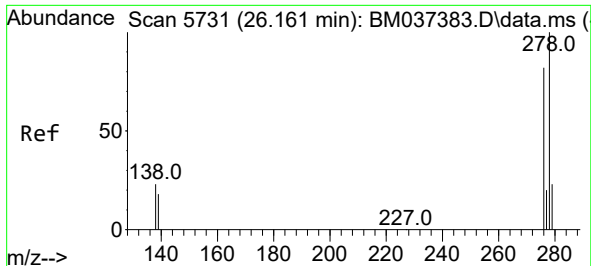
Tgt Ion:252 Resp: 21092
Ion Ratio Lower Upper
252 100
253 32.0 23.8 35.6
125 23.7 17.2 25.8



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.377 ng/ul
RT: 26.134 min Scan# 5723
Delta R.T. -0.004 min
Lab File: BM037383.D
Acq: 07 Nov 2022 09:37

Tgt Ion:276 Resp: 29311
Ion Ratio Lower Upper
276 100
138 26.5 20.8 31.2
227 0.2 0.1 0.1#

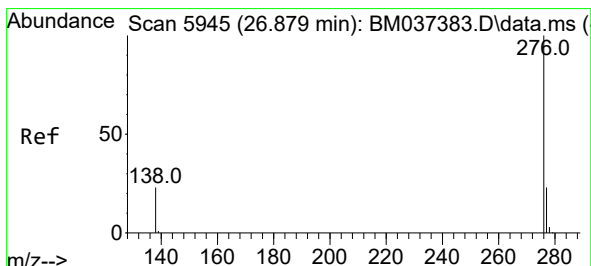
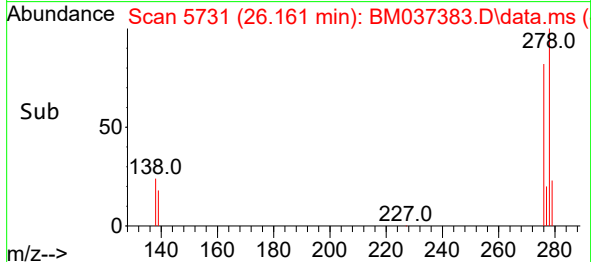
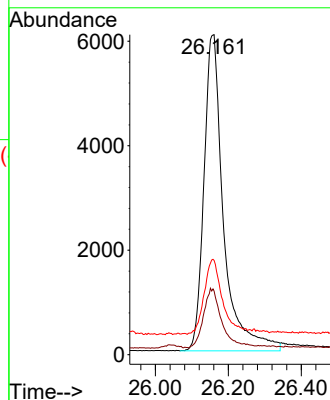
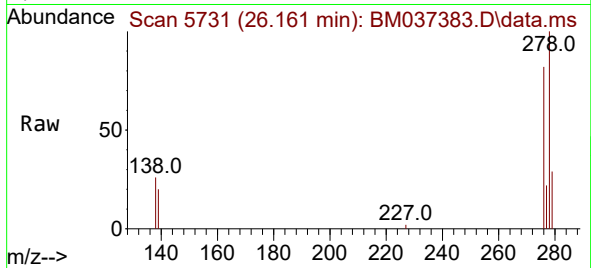




#28
Dibenzo(a,h)anthracene
Concen: 0.378 ng/ul
RT: 26.161 min Scan# 51
Delta R.T. 0.006 min
Lab File: BM037383.D
Acq: 07 Nov 2022 09:37

Instrument :
BNA_M
ClientSampleId :
SSTD0.4165

Tgt Ion:278 Resp: 22617
Ion Ratio Lower Upper
278 100
139 19.8 15.2 22.8
279 29.4 22.2 33.2



#29
Benzo(g,h,i)perylene
Concen: 0.391 ng/ul
RT: 26.879 min Scan# 5945
Delta R.T. -0.001 min
Lab File: BM037383.D
Acq: 07 Nov 2022 09:37

Tgt Ion:276 Resp: 26295
Ion Ratio Lower Upper
276 100
138 24.7 19.6 29.4
277 24.8 20.1 30.1

